

**DEPARTMENT OF DEVELOPMENT SERVICES
BUILDING DIVISION**

SUBJECT: Temporary Power Supply from Electrical Generators

The requirements for electrical installation and use of generators are the same as if the power was provided by the Electrical Utility Company. As such, generator installation must conform to all of the requirements for all other installations as covered by the National Electric Code, Uniform Fire Code and other related documents. This procedure applies to temporary generator installations only, including ‘temporary-through-the-main-service’ of a building.

- A. Generating systems with fuel storage exceeding the following amounts must have Clark County Fire Department approval before being submitted for a permit:
- a. Gasoline 30 Gallons
 - b. Diesel Fuel 60 Gallons
 - c. LPG 125 Gallons
- B. Plans submitted for permit and approval must be processed through and approved by the Zoning Division. Plans must contain the following information:
- a. Three sets of site plans showing the location of the generator, all structures including security fences on the site, distances from the generator to all structures, property lines and location of over-current protection for the generator.
 - b. Location, type, and amount of fuel for the generator.
- C. No Building Planscheck review is required, with the exception of items a. and b. below. Building Planscheck will sign the electrical permit application upon evidence of Zoning department approval and Fire department approval when applicable.
- a. The field inspector reserves the right to request that electrical plans be prepared and submitted to Building Planscheck for review of unique and/or complex installations where code interpretation is required or when the contractor cannot provide adequate information necessary for a safe installation.

- b. Plans prepared and stamped by an electrical engineer licensed in the state of Nevada must be provided to Building Planscheck for review and approval of installations where the source of power exceeds 800 amperes and/or 600 volts, or if the generator of any size is within a classified location as defined in Article 500 of the National Electric Code.
- D. General requirements for generator system installation:
- a. "No smoking" signs must be posted in conspicuous locations in the vicinity of the generator and stored fuel.

- b. One or more approved fire extinguishers with minimum 40 B:C ratings are to be located in the immediate vicinity of the generator equipment and stored fuel.
- c. Distance(s) specified on the approved Zoning plans must be maintained from any building, property lines or public way.
- d. An approved security fence 6 feet minimum in height must be provided to secure fuel and equipment sites.

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